PIONEER
The Art of Entertainment

Operating Instructions
Manual de instrucciones
使用說明書

XR-P350

STEREO CD CASSETTE DECK RECEIVER
REPRODUCTOR DE DISCOS COMPACTOS/PLATINA/RECEPTOR ESTEREO
立體聲 CD 卡式收錄機

S-P350V

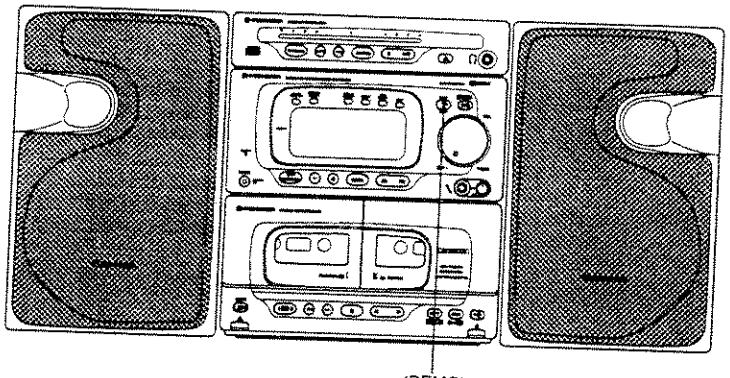
SPEAKER SYSTEM
SISTEMA DE ALTAVOCES
揚聲器系統

SPARE PARTS MASTER

English

Español

中國語



(DEMO)

COMPACT disc DIGITAL AUDIO

Demo Function

If the P.BASS (DEMO) button is pressed when the power is in STANDBY mode, the demonstration mode will be selected and power will be turned ON automatically. In the demo mode, various functions of this system appear on the display.

- To cancel the Demo mode, press any button, or perform an operation using the remote control unit.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appears on your unit.
Location : rear of the unit

CLASS 1
LASER PRODUCT

Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

POWER-CORD CAUTION

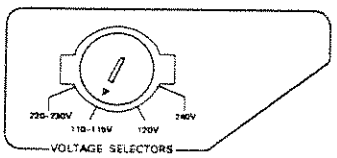
Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

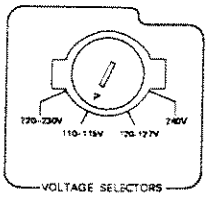
LINE VOLTAGE SELECTOR SWITCH

Only multi-voltage models are provided with this switch. Mains voltages in Saudi Arabia are 127 V and 220 V only. Never use this model at the 110 V setting in Saudi Arabia.
Before your model is shipped from the factory, this switch is set to the power requirements of the destination; nevertheless, you should check that it is set properly before plugging the power cord into the wall outlet.

1. Disconnect the power cord.
2. Use a medium-size screwdriver.
3. Insert the screwdriver into the groove on the voltage selectors and adjust so that the tip of the arrow points to the voltage value of your area.



<Round blade 2-pin AC plug model>



<Flat blade 2-pin AC plug model>

Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.

— Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

[FOR U.S. MODEL]
CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments within this product will increase eye hazard.

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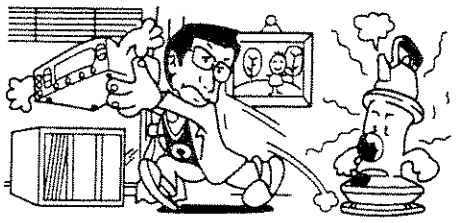
CAUTIONS REGARDING HANDLING

Location

Install the unit in a well-ventilated location where it will not be exposed to high temperatures or humidity.
Do not install the unit in a location which is exposed to direct rays of the sun, or near hot appliances or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the unit in a damp or dusty environment may result in a malfunction or accident. (Also avoid installation near cookers, etc., where the unit may be exposed to smoke from oil, steam, or heat.)

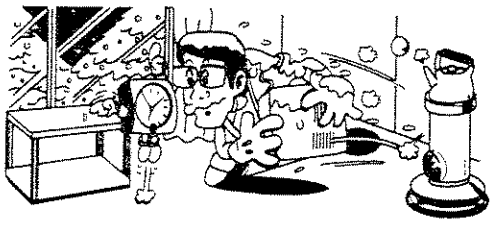


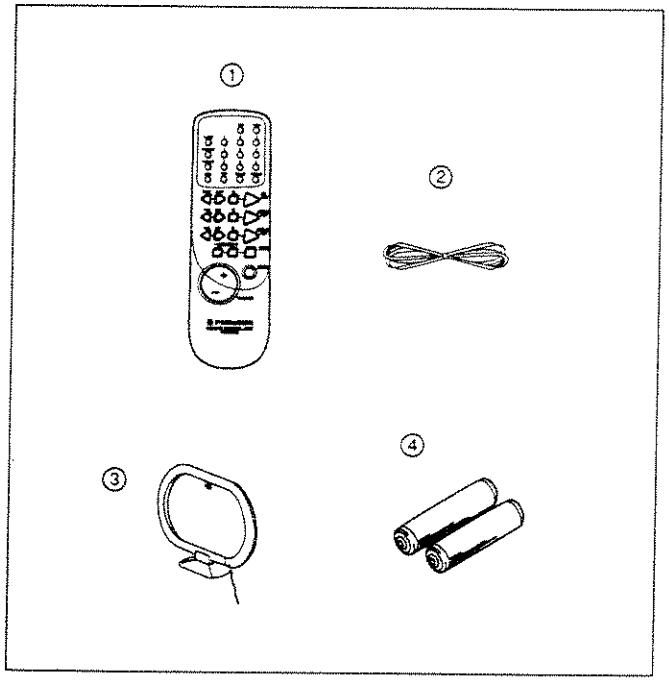
Precautions regarding installation

- Placing and using the unit for long periods on heat-generating sources will affect performance. Avoid placing the unit on heat-generating sources.
- Install the unit as far away as possible from your TV. Installation in close proximity to such equipment may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna, or turn off the power of the unit.
- Please place this unit on a level surface.

Condensation

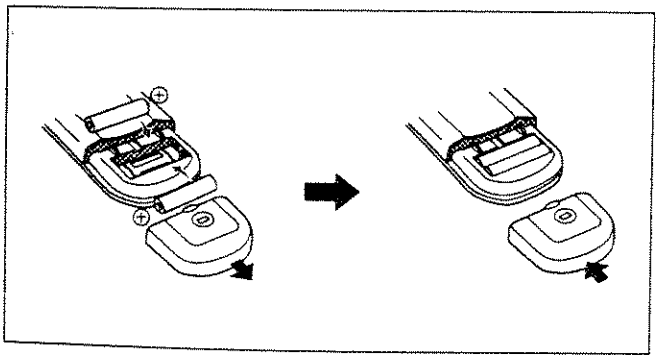
When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside and the unit may not be able to attain its full performance. If this occurs, allow the unit to stand for about an hour or raise the room temperature gradually.





CONFIRM SUPPLIED ACCESSORIES

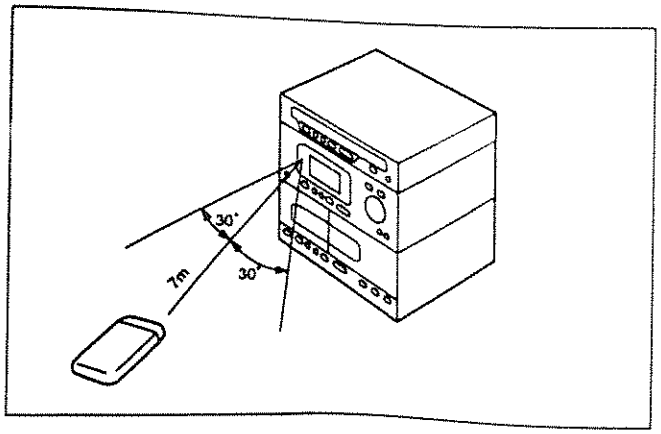
① Remote control unit x 1
② FM T-type antenna x 1
③ AM loop antenna x 1
④ AAA/R03 dry cell batteries x 2



LOADING BATTERIES INTO REMOTE CONTROL UNIT

Open the battery compartment cover on the back of the remote control unit.
Insert size "AAA" (IEC R03) dry cell batteries into the battery compartment in accordance with the indications (⊕, ⊖) inside the compartment.
Close the cover of the battery case.

Incorrect use of batteries may lead to leakage or rupture. Always be sure to follow these guidelines:
A. Always insert batteries into the battery compartment, correctly matching the positive ⊕ and negative ⊖ polarities, as indicated inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on their type. Do not mix different types of batteries.

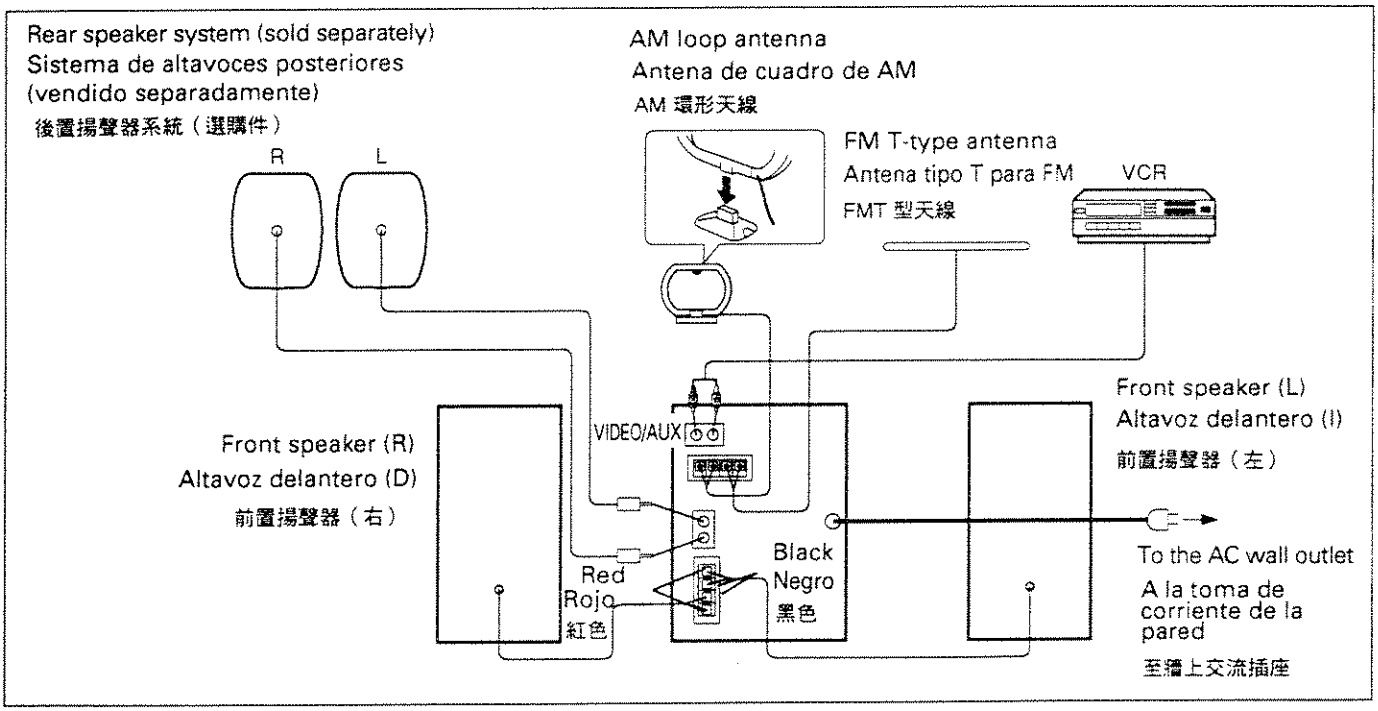


REMOTE CONTROL OPERATIONS

The remote control unit can be used within a range of approx. 7 meters from the remote sensor, and within angles of up to approx. 30 degrees.

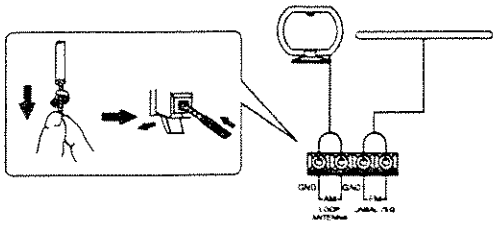
- *If the remote control sensor window is in a position where it receives strong light such as sunlight or fluorescent light, control may not be possible.*

CONNECTIONS



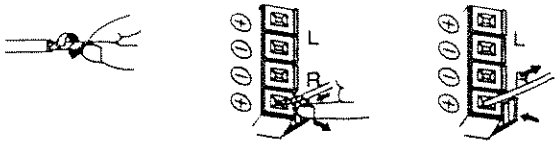
- Plug the power cord into the AC wall outlet only after all the connections have been completed.
- Be sure to connect an antenna. If you do not, broadcast signal reception will not be possible.

1. Connect AM loop antenna and FM T-type antenna to the unit's antenna terminals.



2. Connect the speaker cords to the SPEAKERS terminal.
Connect the red cords to the "+" (red) terminals and the black cords to the "–" (black) terminals.

① Twist the wire strands. **② Push away the tab and insert the cord into the terminal.** **③ Pull back the tab. Be sure to tighten the cords firmly.**

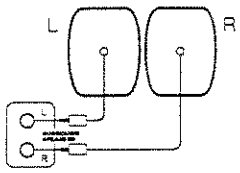


NOTE:
Do not allow the conductors of the cords to project out of the terminals or to come into contact with other conductors. A breakdown or failure may occur when conductors touch.

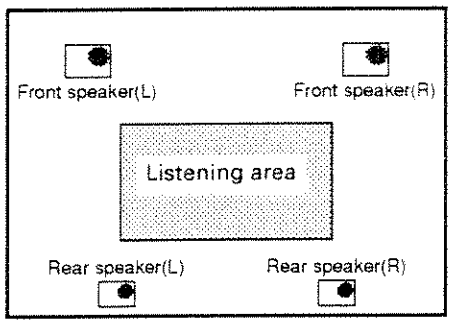
Speaker impedance
Connect speaker systems with a nominal impedance range from 8 Ω to 16 Ω.

Rear speaker system connection

- Connect the plugs properly.
- Rear speakers equipped with standard pin plug and with nominal impedance of 16 Ω or more can be connected instead of the S-P55.



Rear speaker installation example



When mounting rear speaker system on a wall

- Use the hole located on the rear panel of the speaker to mount it on a wall.
  Make sure the speakers will not drop when they are mounted on a wall.
- Check if the wall is strong enough to hang the speakers on it. PIONEER disclaims the responsibility for damages due to dropping of the speakers and other accidents, which are caused by inappropriate strength of the wall or improper installation.
- No screws or other fittings are supplied to mount the speakers on the wall.

Precaution for the S-P350V

Do not connect to any amplifier other than the one supplied with this system. Connection to any other amplifier may in rare cases results in smoke or fire.

3. **When using a video cassette recorder, connect the output cord to the VIDEO/AUX input jacks.**

4. **Finally, plug the power cord into the AC wall outlet.**

NOTE:

Insert the plugs securely into the jacks. Improper connection can lead to sound distortion or malfunction.

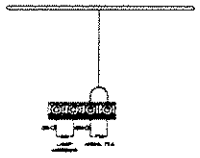
ANTENNA CONNECTIONS

Radio reception is not possible unless the antenna is properly connected.
The strength of broadcast signals varies from one area to another. Signal propagation is especially poor in metropolitan areas, where there are many tall buildings and in mountainous areas. Proper antenna installation is vital to good reception.

FM ANTENNA

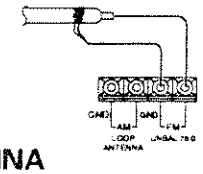
FM T-type antenna

Stretch the antenna and affix it to a wall, etc.



External FM antenna installation

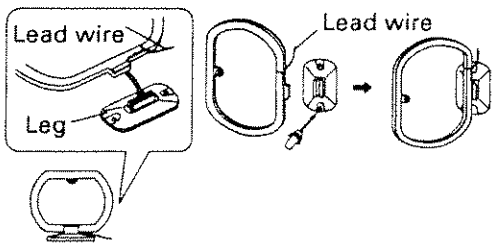
Use an external antenna when the signals from the stations are weak and cannot be picked up by the accessory FM T-type antenna, or when the sound heard is accompanied by too much noise.
Connect a 75 Ω coaxial cable.



AM ANTENNA

The antenna should be placed at a distance from this unit, and should not be allowed to touch metallic objects. Avoid placing it near CD players, personal computers, television sets, and other devices generating radio frequencies.

Setting Up the AM Loop Antenna



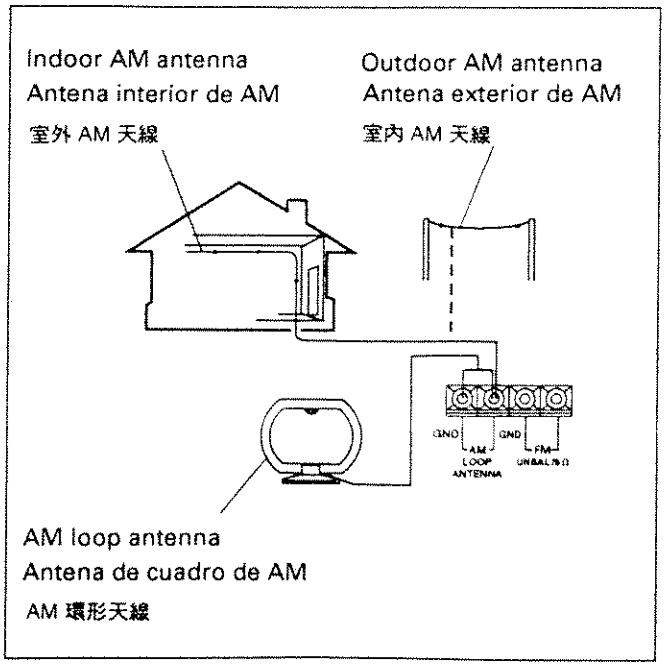
- Insert the clip on the bottom of the antenna into the groove on the leg.
- Place the antenna on a level surface and rotate it to find the orientation that yields the best reception.
- Use the attachment holes in the leg to screw to a wall or other location, then insert the clip on the bottom of the antenna into the groove on the leg (affixing the antenna in the direction that gives the best reception).

External AM antenna

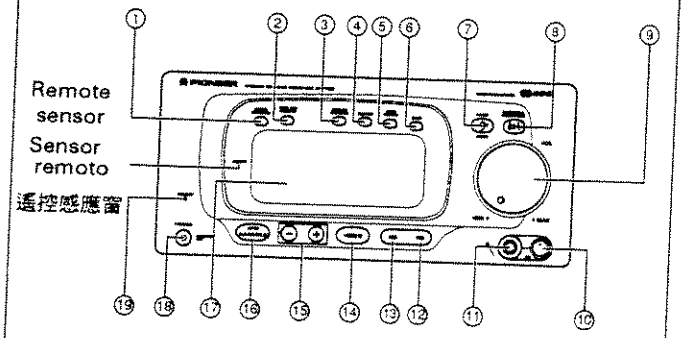
Indoor AM antenna
Provide a vinyl-coated wire (5 to 6 meters long). Secure one end to the AM terminal and the other end to a wall or other high location.
Outdoor AM antenna
If reception is still poor even when a lead antenna has been fully extended indoors, stretch out a vinyl-coated wire and secure it outdoors.

NOTE:

Do not detach the AM loop antenna when using the external AM antenna.



RECEIVER
RECEPTOR
接收機



NAMES AND FUNCTIONS OF PARTS

RECEIVER

① CLOCK/CLOCK ADJ button

② TIMER REC/WAKE-UP button

③ DISPLAY/RDS MODE button

④ MEMORY button

⑤ FREQ/STATION button

Each time this button is pressed, the mode changes between FREQUENCY and STATION.

⑥ MONO button

⑦ P.BASS (DEMO) button

Each time this button is pressed, the mode changes in the following sequence:

P.BASS 1 → P.BASS 2 → off →

⑧ SURROUND & STEREO WIDE button

Each time this button is pressed, the mode changes in the following sequence:

STWIDE 1 → STWIDE 2 → off →

⑨ Volume control (VOL)

⑩ Mic level control

⑪ Microphone jack

⑫ FM button

⑬ AM button

⑭ VIDEO button

⑮ Tuning/station call (⊖, ⊕) buttons

⑯ SFC/KARAOKE button

Each time this button is pressed, the mode changes in the following sequence:

DISCO → HALL → MOVIE → KARAOKE → off →

⑰ Display

⑱ POWER STANDBY/ON switch

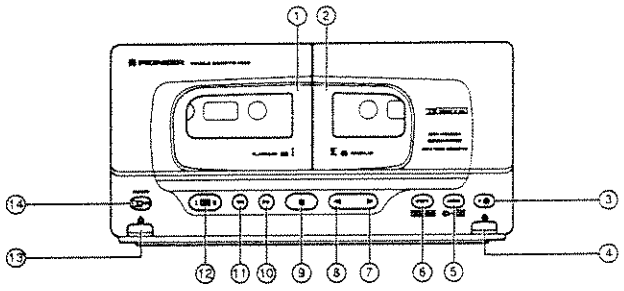
⑲ STANDBY indicator

This is the switch for electric power.

ON : When set to the ON position, power is supplied and the unit becomes operational.

STANDBY : When set to the STANDBY position, the main power flow is cut and the unit is no longer fully operational. A minute flow of power feeds the unit to maintain operation readiness. (The STANDBY indicator lights.)

TAPE DECK
PLATINA DE CASETE
卡式座



TAPE DECK

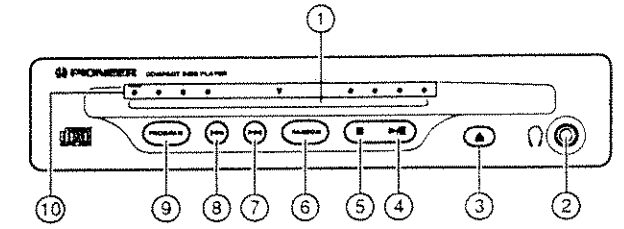
① **TAPE I cassette door**
② **TAPE II cassette door**
③ **Rec standby button (●)**
④ **TAPE II Eject button (⏏)**
⑤ **ASES (Auto Synchro Editing System) button**
⑥ **COPY button**
⑦ **Forward play button (►)**
⑧ **Reverse play button (◄)**
⑨ **Stop button (■)**
⑩ **Fast forward button (►►)**
⑪ **Rewind button (◄◄)**
⑫ **TAPE I/II selector button**
⑬ **TAPE I Eject button (⏏)**
⑭ **DD(DOLBY*) NR ON/OFF button**

Each time this button is pressed, DOLBY NR system turns ON and OFF.

*

- *Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.*
- *"DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.*

CD PLAYER
REPRODUCTOR DE DISCO COMPACTO
CD 唱機



CD PLAYER

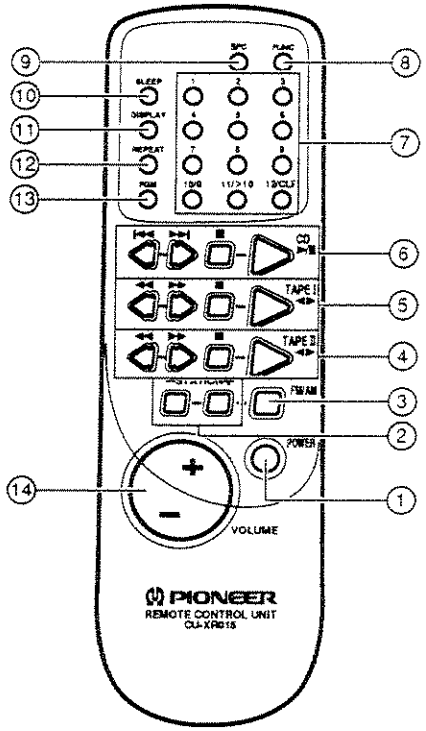
① **Disc insert position**
② **Headphones jack**
③ **Eject button (⏏)**
④ **Play/Pause button (►/II)**
⑤ **Stop button (■)**
⑥ **RANDOM button**
⑦ **Forward Manual/Track search button (►►I)**
⑧ **Reverse Manual/Track search button (I◄◄)**
⑨ **PROGRAM button**
⑩ **Disc indicator**

■ Auto Function

This model is equipped with "Auto Function" operation, so when the switch for PLAY/PAUSE, RANDOM, PROGRAM, PLAY (tape), or FM and AM (AM/FM with remote control unit) is pressed, the function switches automatically. Use the FUNC button on the remote control unit to select the component connected to the VIDEO/AUX IN jacks, since Auto Function is not effective for this.

NOTE:
The function cannot be switched during recording and tape copying.

REMOTE CONTROL UNIT
UNIDAD DE CONTROL REMOTO
遙控器



REMOTE CONTROL UNIT

① POWER button

② STATION – (down), + (up) buttons
Before operation, memorize broadcast stations with the STATION CALL buttons.
+ ..... Stations change in order in the upward direction.
– .... Stations change in order in the downward direction.

③ FM/AM band button

④ TAPE II operation buttons
: Playback
Each time this button is pressed, the mode changes between forward and reverse playback.
: STOP (Stops tape transport)
: FF (Fast forward)
: REW (Rewinds the tape)

⑤ TAPE I operation buttons
The same as ④.

⑥ CD operation buttons
: Playback/Pause
Each time this button is pressed, the mode changes between playback and pause.
: STOP
: Track search

⑦ Number buttons
These buttons are used for selecting track numbers of a CD and for scanning preset stations.

⑧ FUNC (FUNCTION) button
Each time this button is pressed, the function changes in the following sequence:

TUNER → TAPE → CD → VIDEO → TUNER

⑨ SFC (SOUND FIELD CONTROL) button
Each time this button is pressed, the mode changes in the following sequence:

DISCO → HALL → MOVIE → off → DISCO

⑩ SLEEP button
Each time this button is pressed, the setting changes in the following sequence:

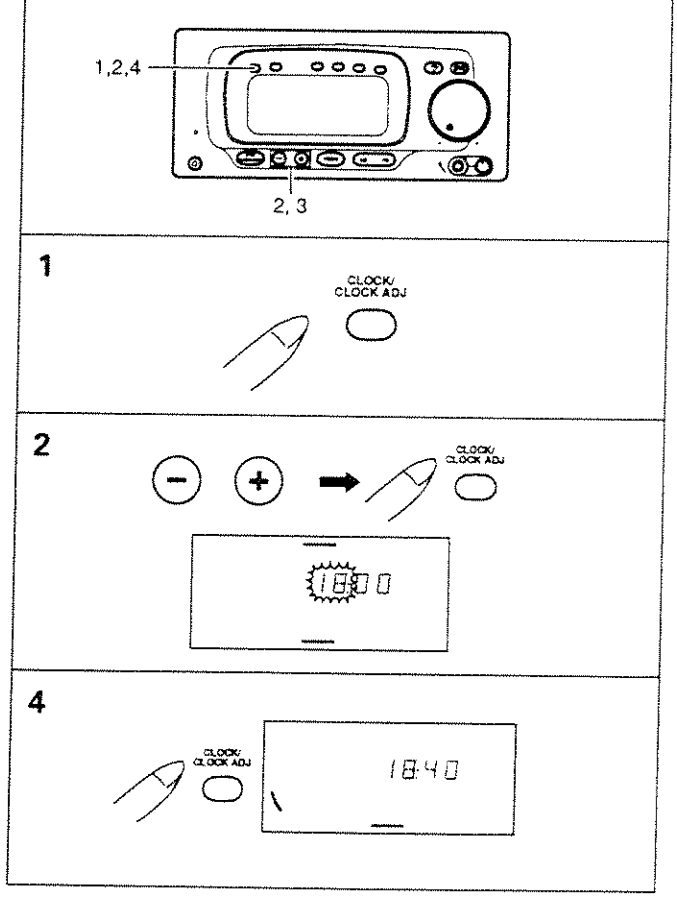
SLEEP AUTO → SLEEP 90 → SLEEP 60 → SLEEP off → SLEEP 30 → SLEEP AUTO

⑪ DISPLAY button

⑫ REPEAT button

⑬ PGM (PROGRAM) button

⑭ VOLUME – (down), + (up) buttons
Increases/decreases the sound volume of the unit.



SETTING THE CLOCK

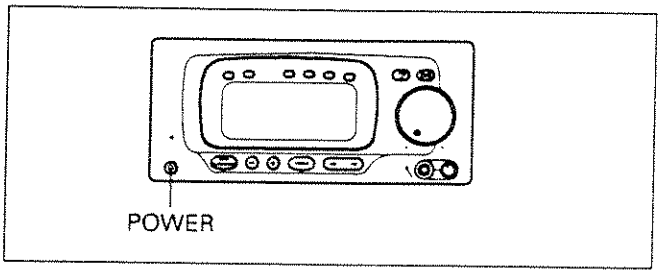
- Set the clock when it has been incorrectly set, or when power has been cut to the unit.
- This clock provides a 24 hour display.
- The clock cannot be set by the remote control unit.

Example : Setting the clock to 18:40

1. **While power is turned off, keep the CLOCK/CLOCK ADJ button pressed for more than 5 seconds.**
2. **Set the hour by pressing the tuning/station call ⊖ or ⊕ button, then press the CLOCK/CLOCK ADJ button.**
3. **Set the minute by pressing the tuning/station call ⊖ or ⊕ button.**
4. **Press the CLOCK/CLOCK ADJ button, when "00" seconds of that minute are reached for precise adjustment.**

- After connecting to an AC outlet, be sure to set the present time. Timer playback and timer recording are not possible unless the time has been set.
- The time display will appear as "--:--" when the power is restored following a power failure, or if the power cord has been disconnected. In this case, be sure to set the present time again.

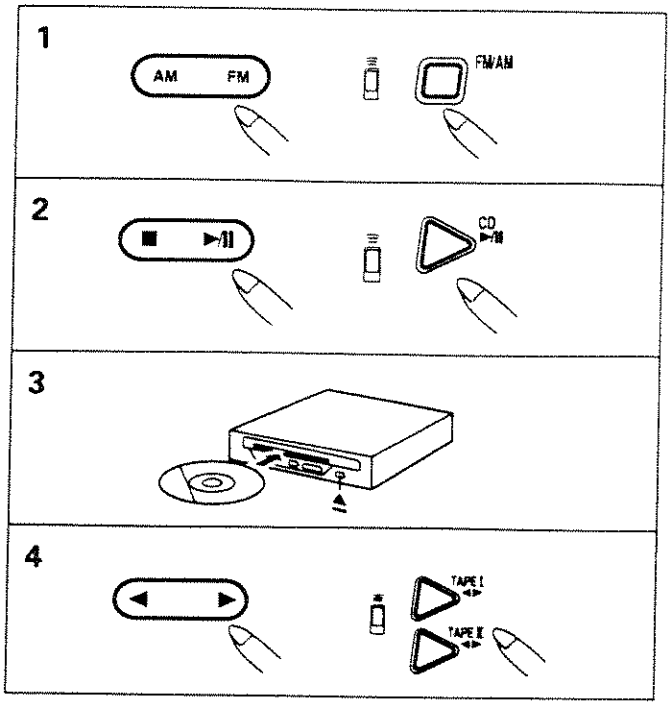
Operations indicated by the [ ] mark are performed with the remote control unit.



POWER SWITCH ON

- Confirm the speakers and antenna connections by reading the section "CONNECTIONS" again.
- When plugged to an AC wall outlet, the clock indicator flashes. (STANDBY position)

1. **Press the POWER button. (or POWER button on the remote control unit.)**

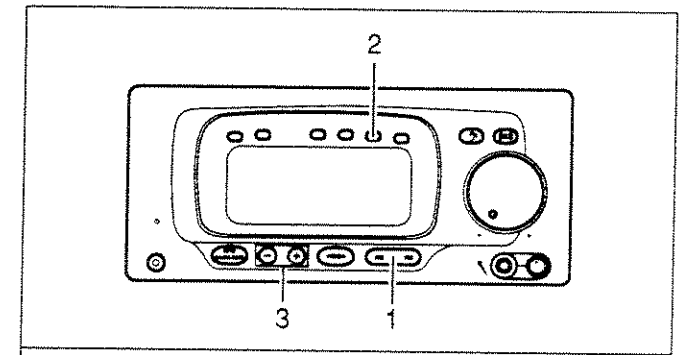


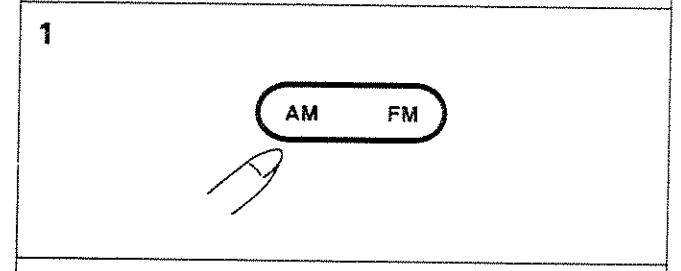
SWITCHING ON WITHOUT USING THE POWER SWITCH

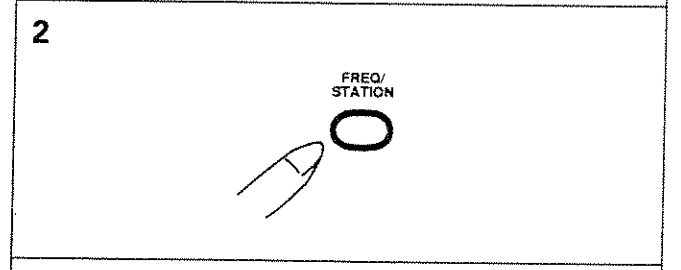
- When set to OFF (STANDBY) position, the following operations will turn on the power.

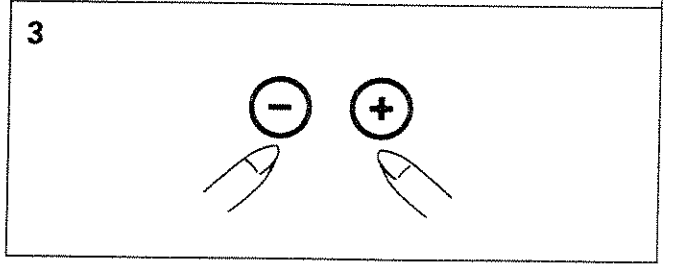
1. **If you press the FM/AM button, power switches to ON and you can hear an FM or AM broadcast.**
2. **If you press the Play/Pause button, power switches ON and if there is a CD loaded, play starts.**
3. **If there is a CD loaded, power switches ON and play starts.**
4. **If you press the cassette deck Forward/Reverse button, power switches ON, and if there is a cassette tape loaded, forward playback starts.**
   When cassette tapes are loaded in both TAPE I and TAPE II, TAPE I has priority.

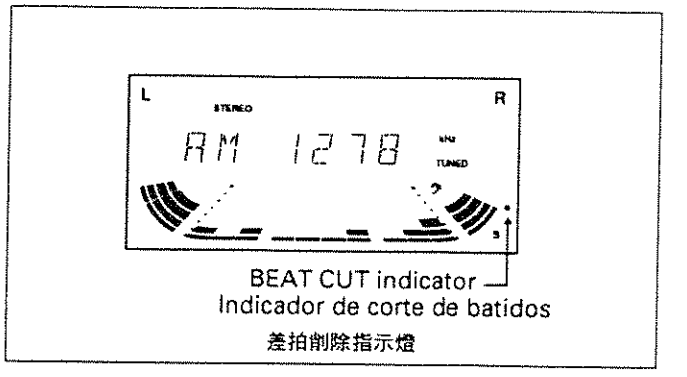
- Concerning the other green colored buttons, pressing them switches the power ON.











NOTE for S/DF model only

This unit has been designed to receive AM stereo broadcasts. The AM stereo mode allows a broader reception range than with conventional FM stereo broadcasts, permitting relatively stable reception even in the area of mountains or high buildings, or within a moving vehicle. If a stereo broadcast is detected during reception of a normal AM broadcast, the unit will switch automatically to the stereo mode. AM stereo broadcasts produce the same dynamic stereo sound and sense of presence you have grown to expect from conventional FM stereo broadcasts. However, AM stereo broadcasts are currently available only in limited geographical areas (as of January, 1994).

TUNING INTO STATIONS

- Broadcast reception is not possible unless an antenna is connected, so be sure to connect one.

1. **Select FM or AM with the FM, AM button.**
   FM or AM frequency indication appears on the display.
2. **Press the FREQ/STATION button to select frequency mode.**
3. **Press the tuning/station call ⊖ or ⊕ button for lower or higher frequencies.**

[Manual tuning]

Press ⊖ or ⊕ button and release quickly.
The tuning frequency will change by one step each time the button is pressed. Press as many times as necessary to tune in the desired station. The TUNED indicator lights up when the station is tuned in best.

[Auto tuning]

Press ⊖ or ⊕ button until the frequency starts to change, then release it.
The tuner will automatically search for a broadcasting station, stops when one is found and the TUNED indicator lights up. To search for another station, press again.

- To interrupt auto tuning, press ⊖ or ⊕ button again.

MONO button

During FM reception : Switches between stereo and monaural modes when listening to a stereo broadcast. If there is too much noise in the stereo position, switch to MONO and the noise will be suppressed.

Beat cut function

If noise occurs during AM broadcast reception, perform the following procedures to reduce the noise.

1. **Press the POWER switch so that the STANDBY indicator lights up.**
2. **Turn on the power while pressing the MONO button. (The Beat cut indicator lights above "S" in the bottom right of the display.)**

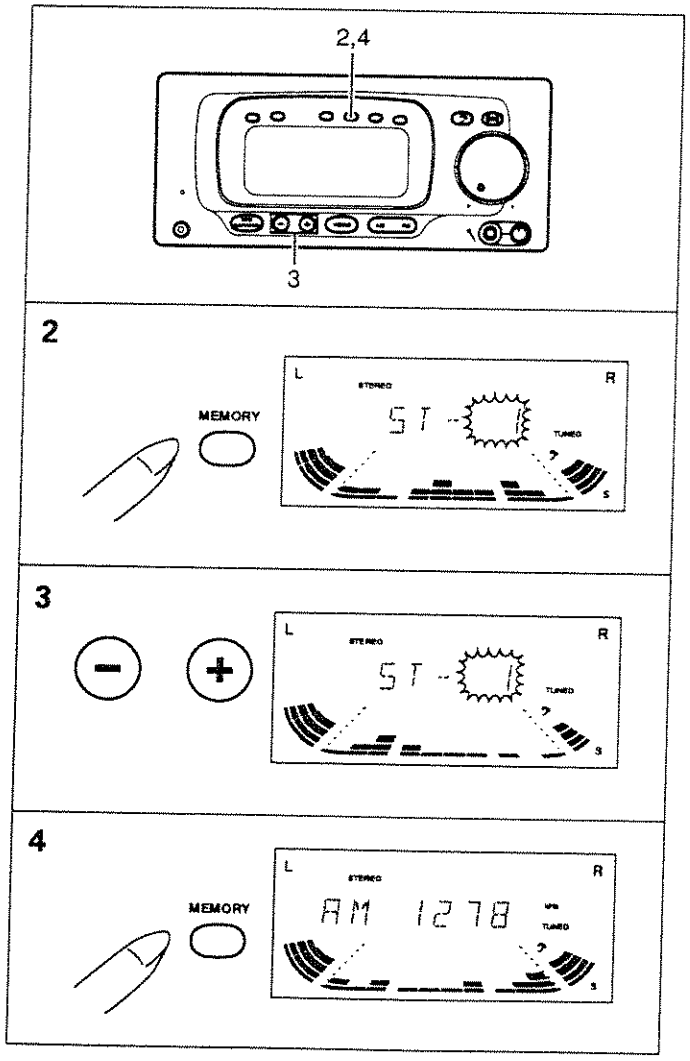
- To cancel the BEAT CUT function, repeat steps 1 and 2.

To change the frequency step

The frequency changes in steps of 50 kHz for FM and 9 kHz for AM. If necessary, you can change the FM frequency step to 100 kHz and the AM frequency step to 10 kHz.

1. **Turn off the power.**
2. **While pressing the FREQ/STATION button, turn on the power.**

Repeat 1-2 to reset the frequency step.

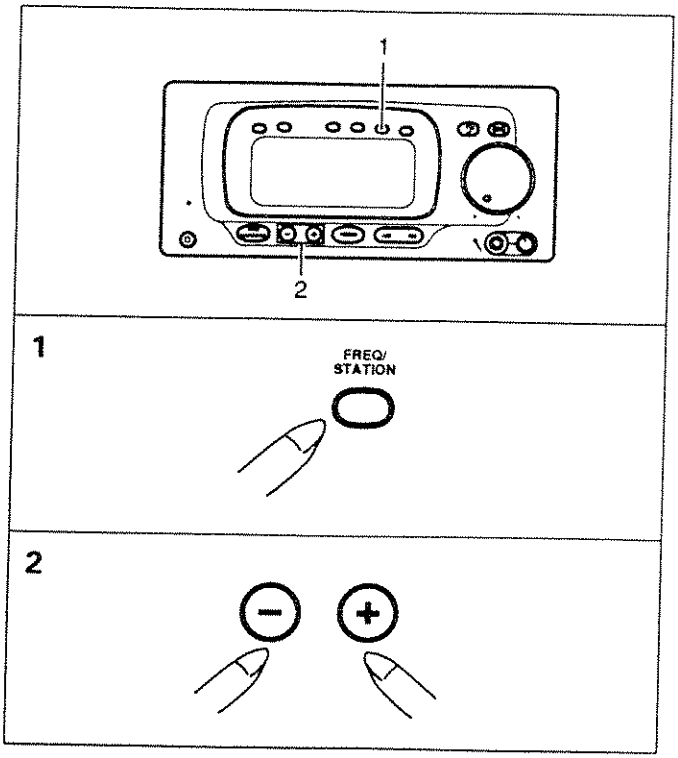


MEMORIZING STATIONS

Manual presetting

- Up to 24 FM/AM stations can be memorized at random.
- For FM reception, the FM MONO setting can be memorized.

1. **Tune in the desired station.**
2. **Press the MEMORY button.**
   "ST---" appears on the display.
3. **Select the station number to be memorized with the tuning/station call ⊖ or ⊕ button.**
   Operate while the display is flashing (it flashes for approx. 2 seconds).
4. **Press the MEMORY button.**
   Operate while the display is flashing (it flashes for approx. 2 seconds).
   The displayed frequency is stored in the selected station No. Repeat steps 1 through 4 to memorize up to 24 stations.



Station call

1. **Press the FREQ/STATION button to select station mode.**
   Station No. appears on the display.
2. **Select the station No. you want to recall with the tuning/station call ⊖ or ⊕ button.**
   - When the function is set to TUNER, it is possible to select the station with the number buttons and STATION buttons on the remote control unit.
   - When using the remote control, refer to the chart below when selecting a preset station.

NOTES:

- *The memorized stations will not be erased even if the power is turned off. However, if the AC power cord is unplugged or a power failure occurs, the memorized stations will be erased. (If the AC power cord is unplugged, the memorized stations will only be retained for several days.)*
- *If the memorized stations have been erased, memorize them again.*

Recalling preset stations with the remote control unit

Times pressed \ Number button	1	2	3	4	5	6	7	8	9	10/0	11/>10	12/CLR
Press once.	1	2	3	4	5	6	7	8	9	10	11	12
Press twice.	13	14	15	16	17	18	19	20	21	22	23	24

CAUTIONS REGARDING COMPACT DISC HANDLING

CARE OF DISCS

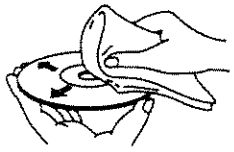
- When holding discs, do not touch their signal surfaces.

STORING DISCS

- Always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures.
- Always read and abide by the precautionary notes listed on the disc labels.

CLEANING DISCS

- Fingerprints or smudges on the surface of a disc will not directly affect the recorded signals. Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.
- If a disc gets dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently. Remove any water drops with another soft dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Never clean discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.



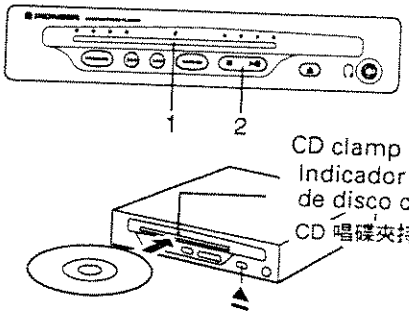
- Do not affix gummed labels or tape to the label surfaces. Also, do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

CD LENS CLEANER

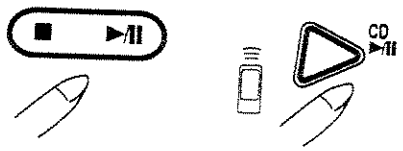
The player's pickup lens should not get dirty in normal use, but if for some reason it should malfunction due to soiling, consult your nearest PIONEER authorized service center. Special care should be exercised as some CD lens cleaning discs may damage the lens. Ejecting some cleaning discs may also be impossible after use.

CD cassette deck receiver
Reproductor de discos compactos/platina/receptor estéreo
CD 卡式收錄機

1 ● New slot-in system
● Nuevo sistema de colocación en ranura
● 新式槽入系統



2

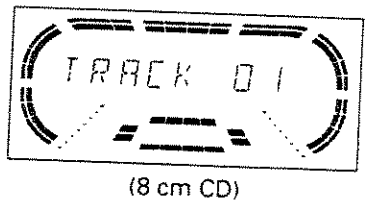


LISTENING TO COMPACT DISCS

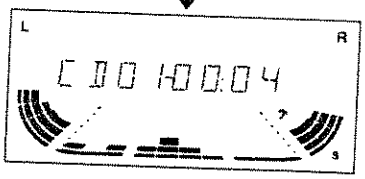
To play a compact disc

1. **Load a CD in the disc slot.**
   - **Gently load the CD keeping it horizontal, making sure the disc label is on top (the side with the name of the disc displayed). After pushing in a short way, the disc is loaded automatically.**
   - **After inserting a CD, the display will indicate whether it is correctly loaded, as shown in the left figure, and play will begin from track 1.**

2. **When a CD is loaded**
   - **Press the Play/Pause button ▶/II.**
   - **To eject a disc, press the Eject button ⏏.**
   - Even if power is switched off (STANDBY), pressing the Eject button ⏏ lets you eject a disc.



(8 cm CD)



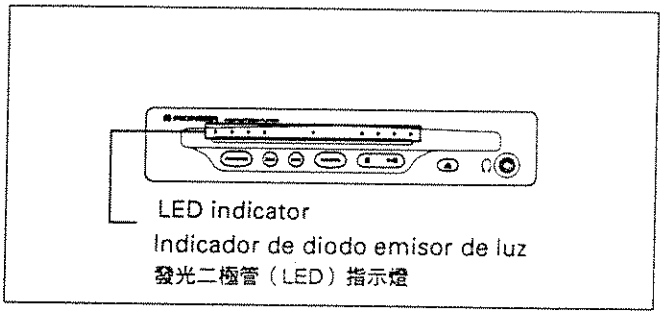
To remove a disc

1. **Press the Eject button ⏏, then remove the disc.**

NOTES:
- *If the function is switched during CD playback, the CD player enters stop mode automatically.*
- *When setting an 8 cm CD single, do not use the 8 cm CD single adaptor.*
- *Never attempt to load both 8 cm and 12 cm discs together, since disc damage or other malfunctions may result. Always load only one disc at a time.*
- *Only one disc at a time can be played. Be sure to press the Eject button ⏏ before loading a disc.*

CAUTION:
Do not unplug the power cord during playback, as this could result in damage to the disc.

Operations indicated by the [ ] mark are performed with the remote control unit.



LISTENING TO COMPACT DISC

CD indicator

- This lights to show different indications as follows.

● = Lit ○ = Not lit

- When no CD is playing

●●●● ▼ ●●●●
(When a 12 cm disc is loaded)

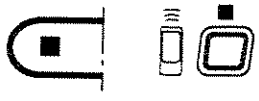
○○●● ▼ ●●○○
(When an 8 cm disc is loaded)

- When a CD is playing

●○○○ ▼ ○○○●
(When a 12 cm disc is loaded)

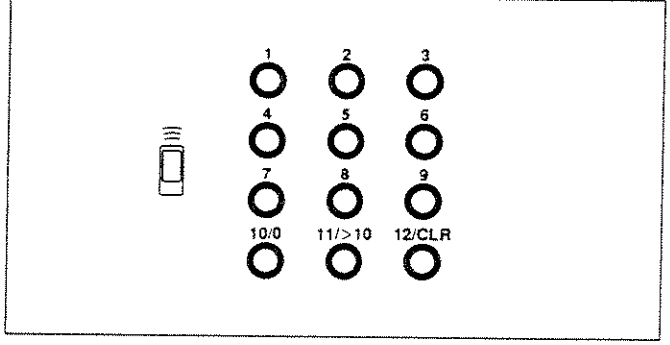
○○●○ ▼ ○●○○
(When an 8 cm disc is loaded)

To stop playback

Function	Buttons
To stop playback	
To stop playback temporarily	
To play back again	

To search for a particular track

Function	Buttons
To search for the beginning of a track	Pressed.
To rapidly advance forward or backward (Main unit only)	Keep pressed.



VARIOUS OPERATIONS OF THE CD PLAYER

To play back desired track (Direct search)

- Set the function mode to CD and then operate with the remote control unit.

Enter the track number with the number buttons.

<Example>

To select track number 3 — 3

To select track number 12 (Track number cannot be selected by pressing 12/CLR). — 11/>10, 1, 2

To select track number 20 — 11/>10, 2, 10/0

Playback of the specified track will start.
If you make a mistake during entry, press the correct number.

If you select a track number when in the pause mode, the selected track will not start playing until you press ►/II.

NOTES:

- *During programmed playback, direct search is not possible.*
- *Even if you press 11/>10 or 12/CLR, tracks 11 and 12 cannot be selected.*

Random playback - To play all tracks in random order

When RANDOM is pressed, the RANDOM indicator lights and all tracks on a disc are played in a random order.

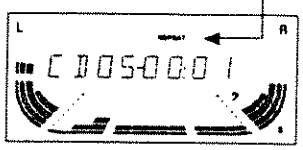
- To stop random playback, press ■.

NOTES:

- *Random playback cannot be applied to the programmed tracks.*
- *If RANDOM is pressed during program playback, the programmed contents will be erased.*

To repeat playback (Repeat play)

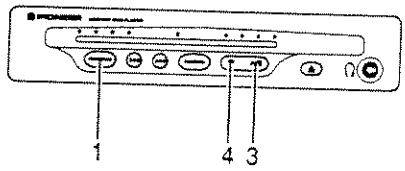
- The REPEAT indicator lights up.
- All tracks will be repeated.



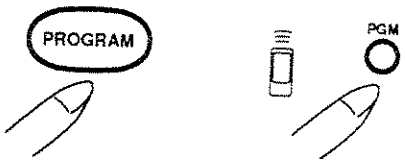
In the repeat mode, programmed play and random play will be repeated.

- To exit repeat mode, press REPEAT or STOP so that the REPEAT indicator goes off.
- To repeat one track, program one track and press REPEAT (see page 36).

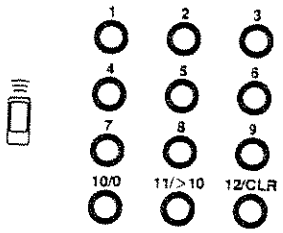
CD cassette deck receiver
Reproductor de discos compactos/platina/receptor estereo
CD 卡式收錄機



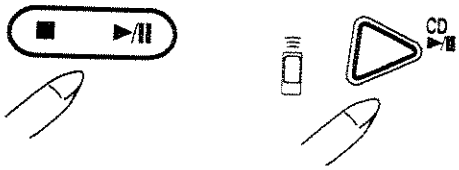
1



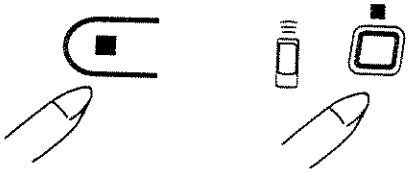
2



3



4



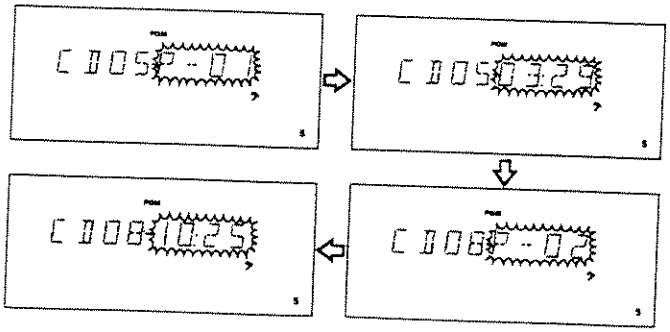
TO PLAY ONLY DESIRED TRACKS

Programmed playback - To program tracks in a desired order

- Up to 24 steps can be programmed.

1. **In the stop mode, press the PROGRAM button (or PGM on the remote control unit).**
   The PGM indicator lights.
2. **Press the track number for the desired track.**
   Repeat the procedure until all desired tracks have been programmed in the desired order.
   (When programming on the main unit, search for desired tracks using ►►I, I◄◄ (the button for finding the start of tracks), and then press the PGM button to register the track. Repeat this procedure until all desired tracks have been programmed.)

The display will show the programmed track number and then the total playback time of the programmed track.



3. **Press Play/Pause button (►/II) (or ▷ on the remote control unit).**
   Start playback, and programmed tracks are played one after another in the programmed order.
4. **To stop programmed playback, press Stop button (■) (or ■ on the remote control unit).**

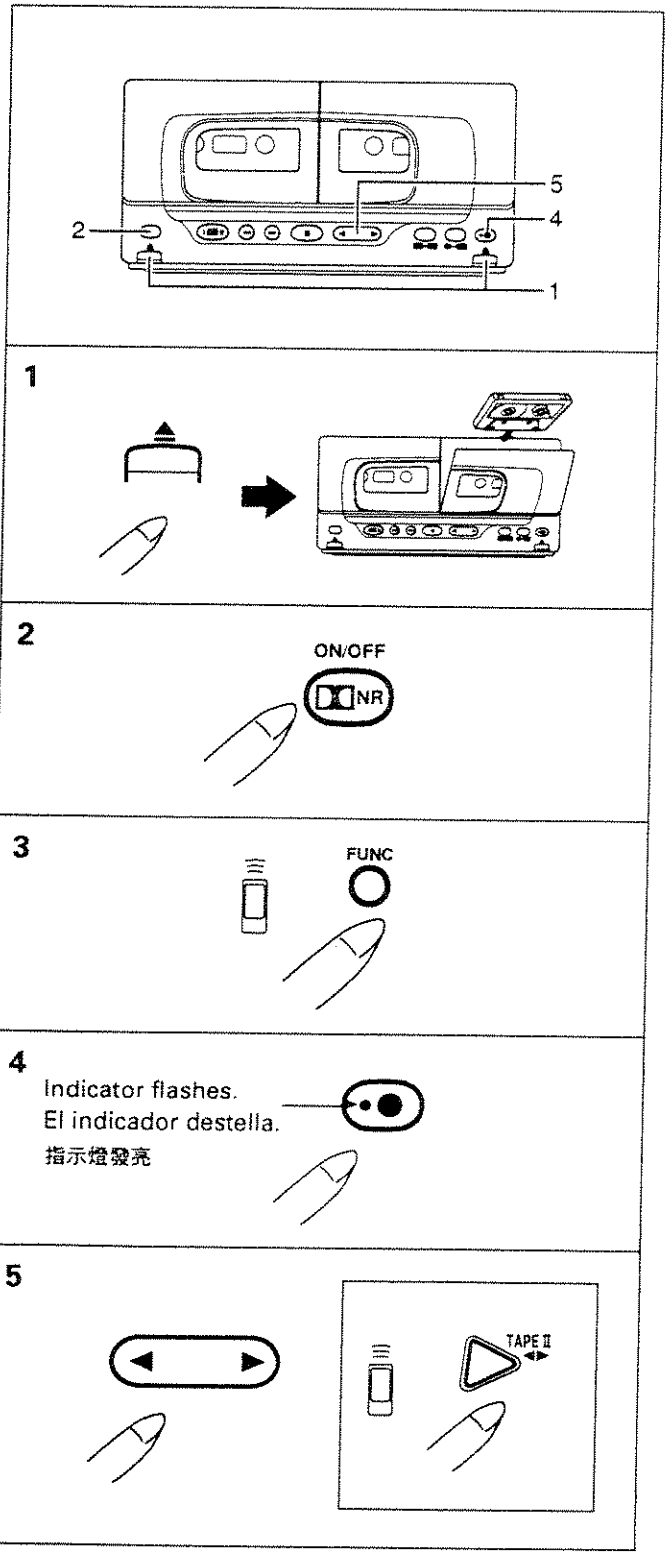
To clear all of the programmed contents

- In the stop mode, press Stop button (■) (or ■ on the remote control unit).
- In the playback mode, press Stop button (■) (or ■ on the remote control unit) twice.
- Each time the CLR button on the remote control unit is pressed, the last programmed step will be cleared.

Programming during playback (Reservation programming)

- Program with the remote control unit.

1. **Press the PROGRAM button during playback.**
2. **Press the number button for the desired track. (Refer to page 34 for details concerning the programming of 11 or more tracks.)**
3. **Repeat procedure 2.**
   When the track playing finishes, programmed playback automatically starts. Pressing the Play/Pause button ►/II also starts programmed playback.



RECORDING

Recording on tape

- This deck is equipped with an auto-reverse function, so if you record in the ► direction, when recording finishes in that direction it will automatically start recording in the ◄ direction. If you only want to record on one side of the tape, record in the ◄ direction, or break off the accidental erasure prevention tab on the side you don't want to record on.
- Use a TYPE I (Normal) or TYPE II (HIGH/CrO_2) tape.

1. **Load the tape for recording into TAPE II.**
   - Wind the tape forward past the leader to the start of the magnetic coated portion.
2. **Set DOLBY NR to the desired position.**
   - A tape recorded using the DOLBY NR system must be played back using the same system.
3. **Select the program source to be recorded using the FUNC button on the remote control unit.**
4. **Press Rec standby button (●).**
   - The deck enters record-standby mode.
5. **Press ► or ◄ to start recording.**
6. **Play the program source to be recorded.**
   - The recording level is automatically adjusted.

To stop recording:

Press Stop button (■).

To stop recording temporarily:

Press Rec standby button (●). To resume recording, press ► or ◄.

- In the rec standby mode or recording mode, the input source cannot be changed.
- In the rec standby mode or recording mode, the sound field control and STEREO WIDE do not function.
  During recording with P.BASS, the playback sound is heard with P.BASS but not recorded.
  In the rec standby or recording mode, KARAOKE cannot be operated.
- This unit automatically sets the recording level by ALC (Auto Level Control) function.

Copying a tape

The contents of the tape in TAPE I can be copied onto the tape in TAPE II.

- The tape is copied with the same setting as the played one regardless of the setting of the DOLBY NR button.

1. **Load the recorded tape into TAPE I and the tape for recording into TAPE II.**
   - Wind the tape forward past the leader to the start of the magnetic coated portion.
   - Tape copying should begin in the forward direction (►).
   - The tape copy mode is canceled when the end of either of the tapes is reached, so it is advisable to use tapes of the same length.
2. **Set the FUNC button on the remote control unit to TAPE.**
3. **Press the COPY button to start copying.**

To stop copying:

Press Stop button (■). Both decks will stop simultaneously.

Mixing recording

You can record the mixed sound onto a tape in TAPE II.

1. **Perform steps 1 to 4 in the section "Mixing sounds" (p. 48).**
2. **Load a tape for recording into TAPE II.**
3. **Set DOLBY NR to the desired position.**
4. **Press Rec standby button (●).**
5. **Press ► or ◄ on TAPE II to start recording.**
6. **Sing along with the program source.**

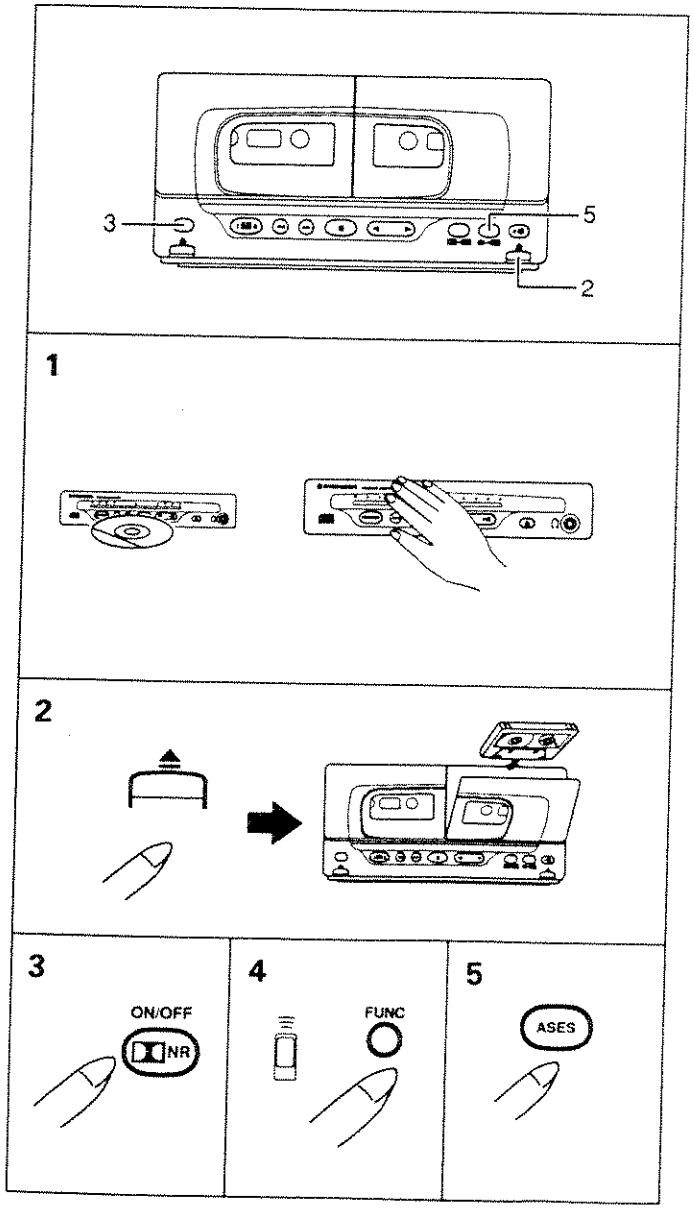
NOTE:

Mixing recording cannot be performed when TAPE is selected in step 2 of "Mixing sounds" section.

A.S.E.S. (Auto Synchro Editing System)

For automatic recording of a CD to a cassette tape.

- A 10-second blank is recorded at the beginning of the tape automatically.
- Recording starts in the forward (►) direction.
- When recording on both sides, and the tape ends in the middle of a track in the forward (►) direction, recording starts from the beginning of the track when it continues in the reverse (◄) direction.



1. **Load the CD.**
   When programming is performed, tracks will be played in the programmed order.
2. **Load the tape for recording into TAPE II.**
   Recording should begin in the forward direction (►).
3. **Set DOLBY NR to the desired position.**
4. **Set the FUNC button on the remote control unit to CD.**
5. **Press the ASES button.**

To stop A.S.E.S. during recording:

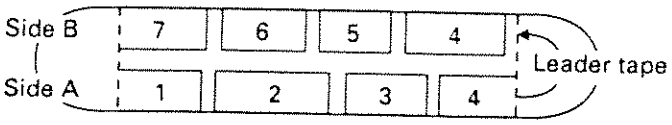
Press Stop button (■) or CD Stop button (■).

- When A.S.E.S. is activated, this unit sometimes will not operate correctly, for example, present track is skipped and next track is played back near the end of the tape. When CD finishes playback, A.S.E.S. function stops. In this case, start recording without using A.S.E.S. function from the next track.

NOTE:

A.S.E.S.

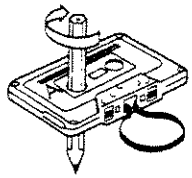
- *Records songs in the same sequence as the CD. A song that finishes imcompletely during side A recording will be recorded from the beggining of side B.*



HOW TO HANDLE CASSETTE TAPES

Is the tape loose, or is some of the tape sticking out of the cassette?

This will damage the tape itself. To remove the slack, insert a pencil into the spool and gently wind it.



Safekeeping

Put the cassette tape back into its case and store it in a location away from exposure to magnetic field, humidity, dust or oil.

TIPS ON USING CASSETTE TAPES

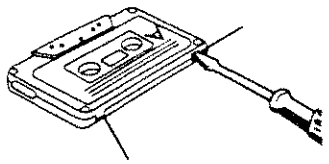
- Leader tape (which does not allow sound to be recorded over it) is provided at the beginning of a cassette tape. Start recording after allowing the tape to run for approx. 5 seconds so that the leader tape clears the recording head.
- Forwarding or reversing the cassette tapes before recording prevents shock to the unit caused by slack.

Do not use tapes of more than 90 minutes.
Since tapes of more than 90 minutes are so thin, they easily jam in the pinch roller and capstan, and they are susceptible to other trouble such as irregular winding. Try not to use them with this unit.

How can you prevent accidental erasure?

When the tab on the cassette shell is broken out with the tip of a screwdriver, it will not be possible to activate the recording function even by pressing ●, so valuable recordings will not be erased in error.

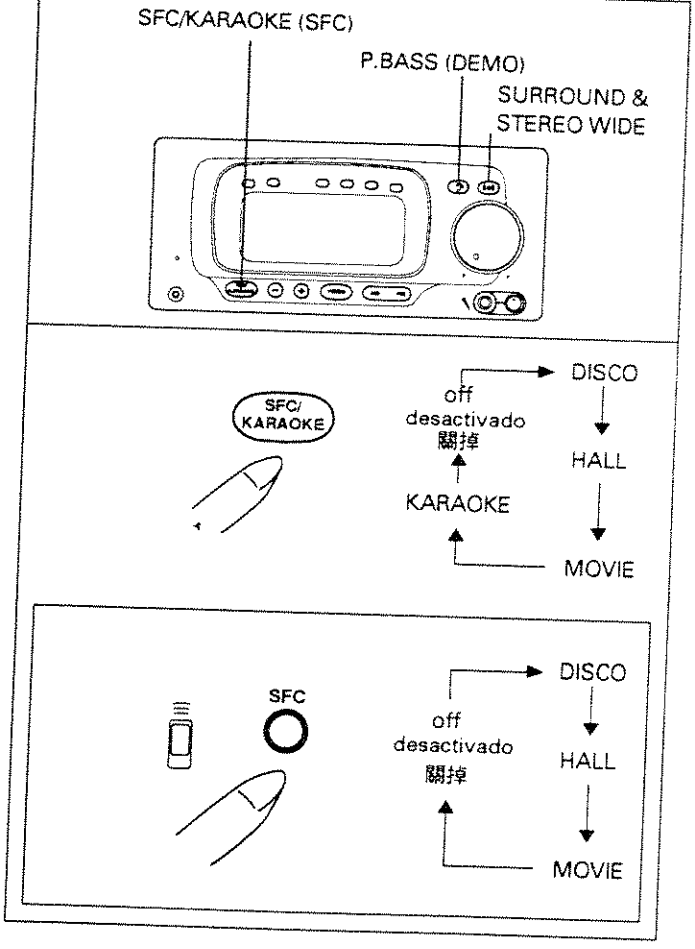
For side A

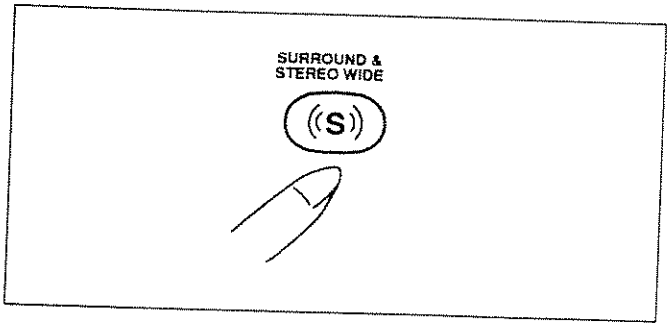


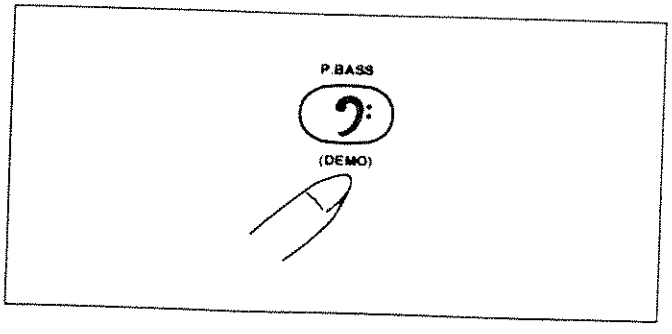
For side B

When you want to record again on a cassette with broken erasure prevention tabs, cover the hole with a double layer of adhesive tape.
With TYPE II (HIGH/CrO_2) tape, be sure not to cover the tape-type detection holes.

Be sure not to cover the tape-type detection holes.







SOUND FIELD CONTROL OPERATION

Selecting a preset sound setting

Select one of the three settings with the SFC/ KARAOKE button or the SFC button on the remote control unit.

DISCO : This boosts bass and treble to deliver a powerful, more dynamic sound.

HALL : Provides a reverberation effect like that produced in a concert hall.

MOVIE : Naturally reproduces the conversations and effect sound, and provides wide and dynamic acoustics. This is effective with movie software.

To clear SOUND FIELD CONTROL settings:

Press the SFC/KARAOKE button until OFF is selected or press the SFC button on the remote control unit until OFF is selected.

NOTES:

- *Press the SFC/KARAOKE button once, and the current mode is displayed. Press again, and the mode changes.*
- *If a Sound Field Control is selected, STEREO WIDE, P.BASS, and KARAOKE are canceled.*

ADJUSTING THE SOUND

Creating an expansive sound field - Sound field of the STEREO WIDE mode

Each time the SURROUND & STEREO WIDE button is pressed, the setting of the STEREO WIDE mode changes in the following sequence.

[ST WIDE 1] → [ST WIDE 2] → off →

[ST WIDE 1]: Creates more expansive sound field compared with the normal sound field.

[ST WIDE 2]: Creates more expansive sound field compared with [ST WIDE 1].

NOTE:

If STEREO WIDE is selected, SFC (Sound Field Control) and KARAOKE are canceled.

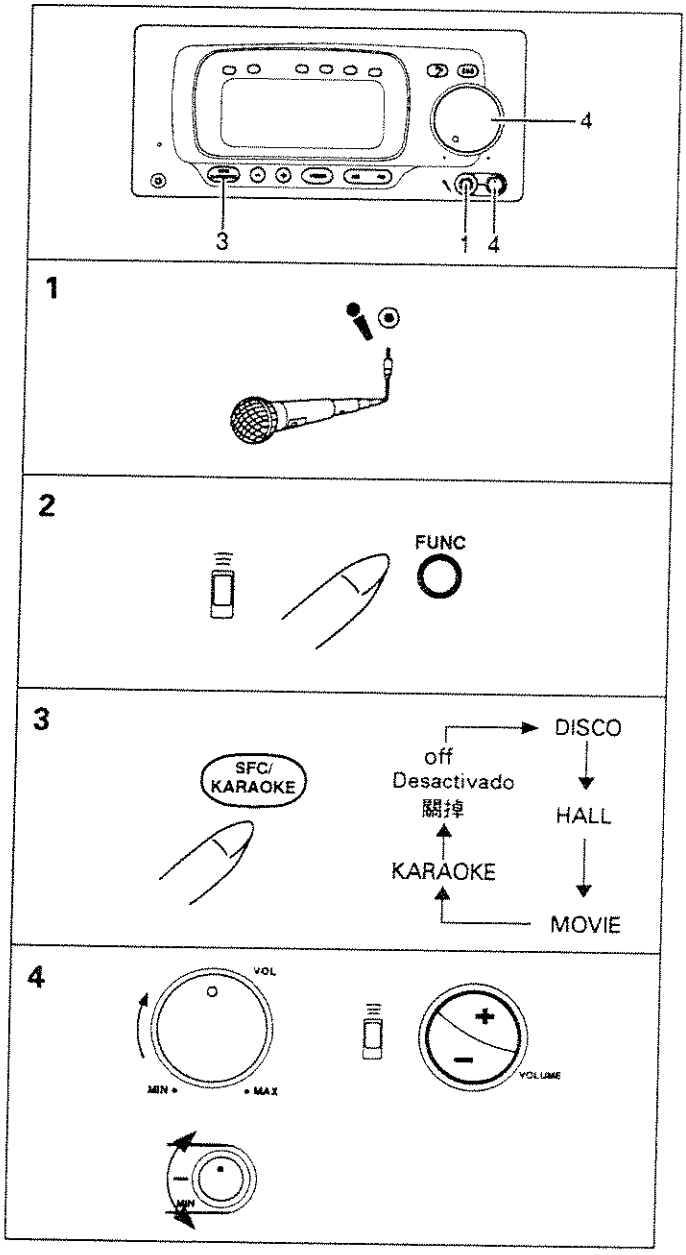
Boosting the bass sound

Each time the P.BASS (DEMO) button is pressed, the setting of the P.BASS mode changes in the following sequence:

[P.BASS 1] → [P.BASS 2] → off →

NOTES:

- *Select P.BASS, and SFC (Sound Field Control) is canceled.*
- *P.BASS 1 boosts bass (90 Hz) and P.BASS 2 boosts bass (90 Hz) and midrange (4 kHz).*



KARAOKE

Mixing sounds

- This function cuts frequencies in the vocal range during playback of a stereo source such as a CD, tape, or stereo FM broadcast. Select KARAOKE with the SFC/KARAOKE button, and singing into a microphone provides an easy way to enjoy karaoke. (Although this function cuts frequencies in the vocal range, it does not completely eliminate the sound of the vocals.) This function has no effect with monaural sources.

1. **Plug a microphone into the MIC jack.**
2. **Select the desired program source with the FUNC button on the remote control unit and start playback of the program source.**
3. **Select KARAOKE with the SFC/KARAOKE button.**
4. **Adjust the volume with VOLUME and MIC LEVEL.**

NOTES:

- *In the KARAOKE mode, SFC and STEREO WIDE are not activated.*
- *After using the microphone, set the MIC LEVEL control to the MIN position and unplug the microphone from the MIC jack. Be sure to set the MIC LEVEL control to the MIN position when the microphone is not used.*
- *In the KARAOKE mode, P.BASS 1 is selected automatically.*

If howling (microphone feedback) occurs:

During use of the microphone, if a high-pitched howling sound comes from the speakers, do one of the following:

Ⓐ Turn MIC LEVEL counterclockwise to decrease the microphone volume.
Ⓑ Locate the microphone away from the speakers.
Ⓒ Lower the sound volume.

- Achieving the full effect of this function may not be possible with songs featuring duets, different vocals on left and right channels, strong echo effects, or depending on recording conditions of sources.
- This function is most effective with sources other than tape.

For microphone mixing recording

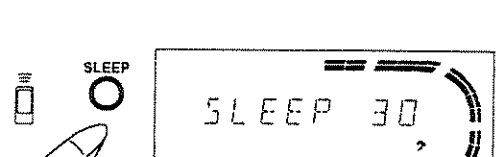
By performing recording on deck II, you can record the results of your microphone mixing. (When playing back the recorded tape, set the KARAOKE button to OFF.)
Note, however, that microphone mixing recording cannot be performed when TAPE has been selected in step 2.

SLEEP TIMER

(Example) Automatically switching the power off after 30 min.

(Ejemplo) Desactivación automática de la alimentación luego de 30 minutos.

(例) 30 分鐘後自動關掉電源。



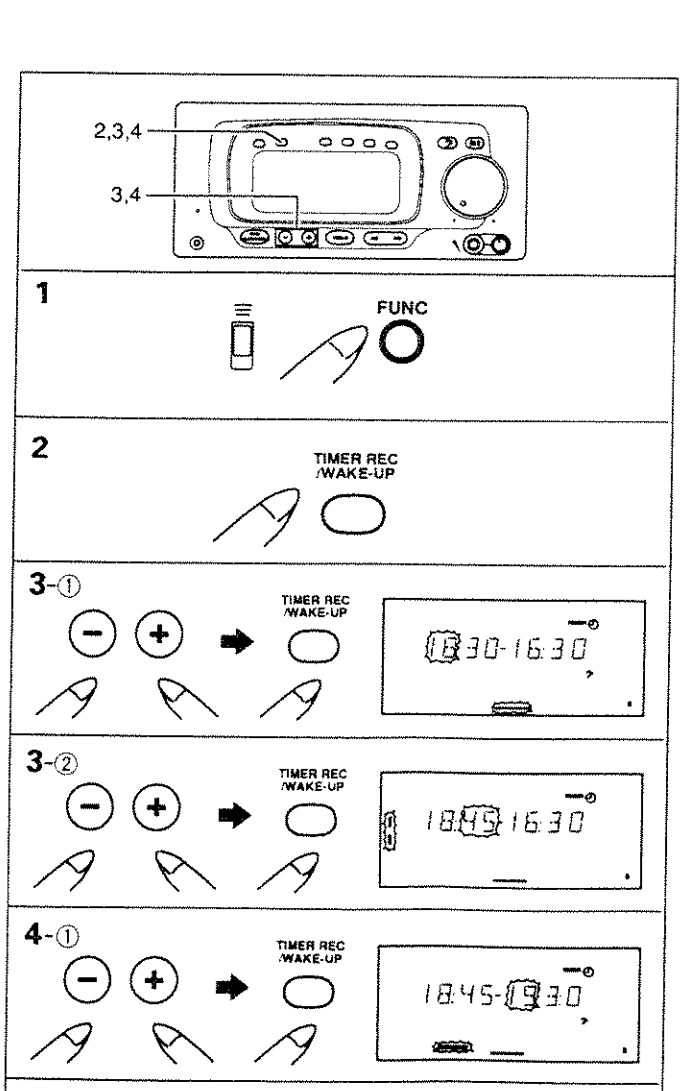
Sleep Timer - Automatically turns off power

Power turns off automatically after the specified time has elapsed. Each time the SLEEP button is pressed, the setting changes in the following sequence:

AUTO SLEEP (except VIDEO, TUNER) → SLEEP 90 → SLEEP 60 → SLEEP 30 → off → AUTO SLEEP

NOTES:

- *If you press the SLEEP button during Sleep operation, the time remaining till the power turns off is displayed. Do not press the SLEEP button when the remaining time is displayed. Otherwise, the setting changes and the sleep timer cannot function properly.*
- *If you switch to the sleep mode when the cassette deck is playing or recording, or when a CD is playing, "AUTO SLEEP" is set.*



TIMER PLAYBACK/TIMER RECORDING

Timer setting

Example : Using TIMER from 18:45 to 19:00

To set the timer

1. **Switch power ON, and select the desired function.**
2. **Press the TIMER REC/WAKE-UP button.**
3. **Set the timer start time.**
   ① Set the hour.
   Set the hour using the tuning/station call ⊖ or ⊕ button, and then press the TIMER REC/WAKE-UP button.
   ② Set the number of minutes.
   Set the number of minutes using the tuning/station call ⊖ or ⊕ button, and then press the TIMER REC/WAKE-UP button.
4. **Set the timer finish time.**
   ① Set the hour.
   Set the hour using the tuning/station call ⊖ or ⊕ button, and then press the TIMER REC/WAKE-UP button.
   ② Set the number of minutes.
   Set the number of minutes using the tuning/station call ⊖ or ⊕ button, and then press the TIMER REC/WAKE-UP button.

Press the TIMER REC/WAKE-UP button, and the set time is automatically confirmed. After a few seconds confirmation is completed, and the display returns to the original indications. (The timer operates at the set time.)

NOTE:

WAKE-UP timer and Timer Recording cannot be used together.

Setting the WAKE-UP timer
Ajuste del temporizador WAKE-UP
設定喚醒定時預約

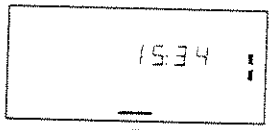


Fig.1

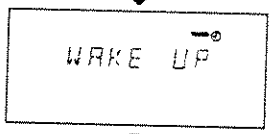


Fig.2

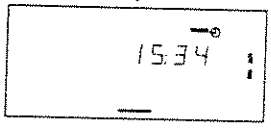


Fig.3

Setting the WAKE-UP timer

1. **Set the timer. (Refer to "To set the timer".)**
2. **Load the CD player with a disc, or the cassette deck with a tape. (Forward playback (►) starts on TAPE I.)**
3. **Set volume to the desired level.**
4. **Switch power OFF. The unit is now in the STANDBY mode. (Fig.1)**
5. **Press the TIMER REC/WAKE-UP button, and the timer indicator (TIMER ◴) lights. (Fig.2)**
6. **The unit automatically switches to the Check mode, and the settings are displayed.**
7. **Setting is completed. (Fig.3)**

- Once the WAKE-UP timer has been set, it will operate at the same time every day until canceled.

Timer Recording setting
Ajuste de la grabación con temporizador
設定定時預約錄音

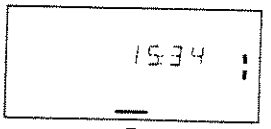


Fig.4

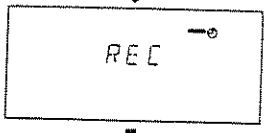


Fig.5

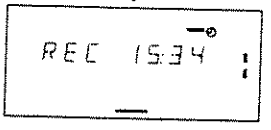


Fig.6

Timer Recording setting

Timer Recording is only possible with the TUNER.

1. **Set the timer. (Refer to "To set the timer".)**
2. **Load TAPE II with a tape to record to.**
3. **Set volume to the desired level.**
4. **Switch power OFF. The unit is now in the STANDBY mode. (Fig.4)**
5. **Press the TIMER REC/WAKE-UP button twice, and the timer indicator (TIMER ◴) lights. (Fig.5)**
6. **The unit automatically switches to the check mode, and the settings are displayed.**
7. **Setting is completed. (Fig.6)**

- When Timer Recording has been completed, the settings are canceled.

- After completing steps 1 through 7 for the WAKE-UP timer or Timer Recording, if you turn on the power, the timer indicator (TIMER ◴) lights, indicating that the timer will operate. In this condition, if you press the TIMER REC/WAKE-UP button, timer operation will be canceled. (Timer indicator goes out.)
- Pressing the TIMER REC/WAKE-UP button during timer operation will cancel timer operation.

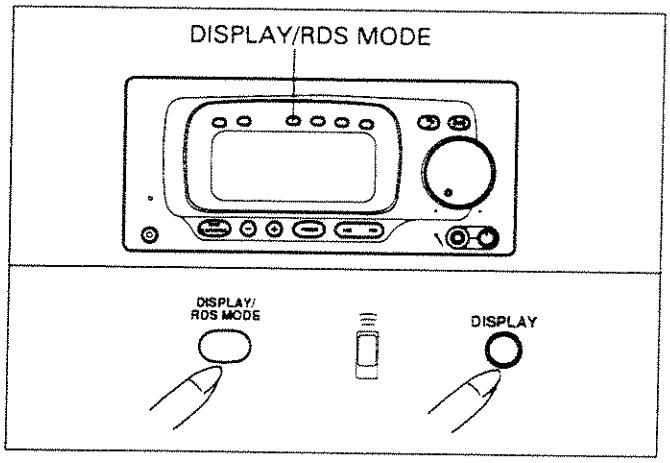
To change timer settings

To change all of the timer settings, start over again, inputting the settings that you want.

If you make a mistake while setting the timer

Go ahead to the next item and continue setting the various items until you finish. Then use the "To change timer settings" procedure to change the value of the item that was incorrect.

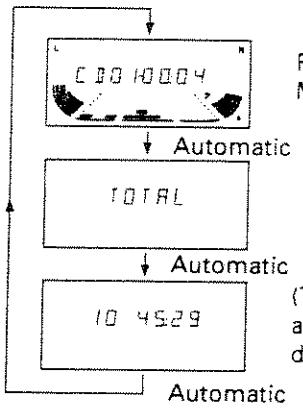
NOTE:
If you set the SLEEP timer during timer operation, the earlier OFF time will have priority.



OPERATIONS OF THE DISPLAY

When the function is CD

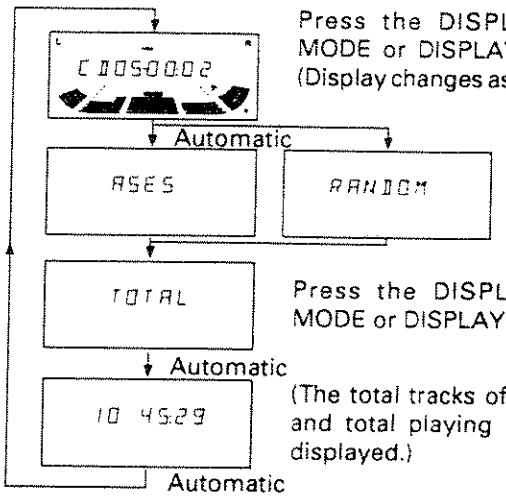
1. During regular operation



Press the DISPLAY/RDS MODE or DISPLAY button.

(The total tracks of the disc and total playing time are displayed.)

2. During A.S.E.S. operation or random play



Press the DISPLAY/RDS MODE or DISPLAY button. (Display changes as follows:)

Press the DISPLAY/RDS MODE or DISPLAY button.

(The total tracks of the disc and total playing time are displayed.)

NOTES:

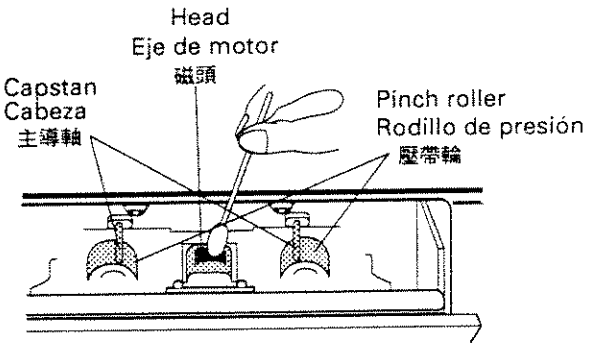
- *When the program has been specified, the total playing time of the program tracks is displayed.*
- *You can change dynamic displays such as those for the level meters and spectrum analyzer in the following way:*

Power OFF (STANDBY)
↓
Press the DISPLAY/RDS MODE or DISPLAY button. (Each time you press it, the mode changes from A to B.)

MODE A ⇄ MODE B

MODE A = Regular display
MODE B = Simple display (subdued display)

Operations indicated by the [ ] mark are performed with the remote control unit.



- The illustration shows TAPE I.
- La ilustración muestra TAPE I.
- 圖解表示卡式座 I 。

MAINTENANCE

Cleaning the head section

The heads, capstan and pinch roller are parts which are liable to get dirty quite easily. In particular, if the heads are dirty, the high frequency components of the sound will not be reproduced and the stereo balance will be impaired, resulting in a deterioration of sound quality. It is therefore recommended that the head section be cleaned regularly.

1. Turn the power off.
2. Press the Eject button ⏏ to open the cassette door.
3. Dip a cleaning swab into head cleaning fluid and use it to wipe the head, capstan, and pinch rollers. Wait 2-3 minutes until the cleaning fluid dries.

NOTE:
This unit uses a head-slant standby system, with the result that the heads are mounted at an angled position.

Demagnetizing the cassette deck heads

The deck heads may become magnetized after the deck has been used for a long period of time, or if a magnet or other magnetized object (screwdriver, etc.) is brought near the heads. Magnetization of the heads results in increased noise and reduced ability to reproduce high-frequency sounds.
In this case, use a commercially available head demagnetizer at regular intervals to eliminate the magnetic field on the heads. When using a head demagnetizer, turn this unit's power switch ON. In order to prevent adverse effects on the receiver and speakers, however, **be sure to turn down the receiver's volume control to its lowest position,** and disconnect any headphones from their headphones jack. For details, consult the instructions accompanying your head demagnetizer.

Maintenance of external surfaces

- Use a polishing cloth or dry cloth to wipe off dust and dirt.
- When the surfaces are very dirty, wipe with a soft cloth dipped in some neutral cleanser diluted five or six times with water and wrung out well, then wipe again with a dry cloth. Do not use furniture wax or cleaners.
- Never use thinners, benzine, insecticide sprays or other chemicals on or near this unit, since these will corrode the surfaces.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

	Symptom	Cause	Remedy
General	**No sound from speakers.**	• AC cord is unplugged. • All cords are not connected firmly. • Function is not set to the desired listening source on the receiver.	• Plug power cord into wall socket correctly. • Connect cords correctly referring to "CONNECTIONS", see page 10. • Select the correct function on the remote control unit.
Cassette deck	**Cassette door does not open.**	• The power cord was unplugged while tape was running.	• Plug in the power cord.
	Cannot record.	• Erasure prevention tabs are broken off.	• Use cassette tape that can be recorded on, or apply adhesive tape over tab holes, see page 44.
	Sound is muffled. Previously recorded sounds remain.	• Dirty heads.	• Clean heads, see page 56.
	Sound is muffled. Treble tones too strong.	• Tape recorded with DOLBY NR but played without.	• Turn on DOLBY NR system for tapes recorded with DOLBY NR.
CD player	**Playback does not start, or disc is ejected.**	• Disc is loaded upside down. • Dirt, blur, etc. on the disc. • Disc has bad scratch or warp.	• Load a disc correctly with the label side (printed side) UP. • Clean the disc. • Replace the disc.
Tuner	**Sound is distorted.**	• Antenna is not connected. • Antenna is in poor position. • Interference from nearby fluorescent light, hair dryer, or other electrical appliance.	• Connect the antenna correctly. • Change antenna's position. • Stop using device causing interference.
	There is no stereo sound.	• The MONO indicator in the display window on the receiver lights up.	• Press MONO so that the MONO indicator goes out, see page 24.
Others	**Timer does not work.**	• Current time is not set.	• Set current time.
	Remote control unit does not work.	• Batteries are run down. • A fluorescent light is shining on the remote sensor window.	• Replace with new batteries. • Move the unit away from the fluorescent light.
	In the karaoke mode, noise is heard when using microphone.	• Interference from nearby fluorescent light, hair dryer, or other electrical appliance.	• Stop using device causing interference.

Abnormal functioning of this unit may be caused by static electricity, or other external interference. To restore normal operation, turn the power off and then on again, or unplug the AC power cord and then plug it in again.

SPECIFICATIONS

STEREO CD CASSETTE DECK RECEIVER

Amplifier Section

<XR-P350>

[FRONT]

Continuous Power Output (RMS) ..... 50 W + 50 W
(1 kHz, T.H.D. 10 %, 8 Ω)
(PMPO) ..... 750 W

• *Above specifications are for when power supply is 230 V.*

FM/AM Tuner Section

FM Tuner Section

Frequency Range ..... 87.5 MHz to 108 MHz
(except S/DF model)
76.0 MHz to 108 MHz
(S/DF model only)
Antenna Input ..... 75 Ω unbalanced

AM Tuner Section

Frequency Range
With 9 kHz step ..... SD, SL (531 kHz to 1,602 kHz)
S/DF (522 kHz to 1,629 kHz)
With 10 kHz step ..... (530 kHz to 1,700 kHz)
Antenna ..... Loop antenna

Miscellaneous

Power Requirements
..... 110 – 115, 120 – 127, 220 – 230, 240 V AC, 50/60 Hz
(except SL model)
110 – 115, 120, 220 – 230, 240 V AC (SL model only)
Power Consumption ..... 270 W

CD Section

Type ..... Compact disc digital audio system
Wow and Flutter ..... Limit of measurement
(± 0.001 % W.PEAK) or less (EIAJ)

Cassette Deck Section

Systems ..... 4 track, 2-channel stereo
Heads ..... Recording/playback head x 1
Playback head x 1
Erasing head x 1
Motor ..... DC servo motor x 1
Tape Type ..... TYPE I (Normal) tape/TYPE II (HIGH/CrO_2) tape
Dimensions ..... 240 (W) x 270 (H) x 342 (D) mm
Weight (without package) ..... 7.1 kg

SPEAKER SYSTEM

<S-P350V>

Enclosure ..... Bass-reflex bookshelf type
System ..... 15 cm 3-way system
Loudspeakers
Woofer ..... 15 cm cone type
Mid-range ..... 5.2 cm cone type
Tweeter ..... 2.0 cm dome type
Nominal Impedance ..... 8 Ω
Dimensions ..... 175 (W) x 270 (H) x 314 (D) mm
Weight ..... 3.1 kg

Accessories

Operating Instructions 1
Remote Control Unit 1
FM T-type Antenna 1
AM Loop Antenna 1
Size AAA/R03 Dry Cell Batteries 2

NOTE:

Specifications and design are subject to possible modifications without notice, due to improvements.

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